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Total Number of Pages in This Submission:

Application Number	10/697,387
Filing Date	October 30, 2003
First Named Inventor	Masahide Onishi et al.
Art Unit	2862
Examiner Name	Bot L. Ledynh
Attorney Docket No.	MAT-8480US

ENCLOSURES (Check all that apply)

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Signature			
Date	November 12, 2004		

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Appln. No.: 10/697,387
Amendment Dated November 12, 2004
Reply to Office Action of November 2, 2004

MAT-8480US



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appln. No: 10/697,387
Applicants: Masahide Onishi et al.
Filed: October 30, 2003
Title: ROTATION ANGLE DETECTOR
TC/A.U.: 2862
Examiner: B. Ledynh
Confirmation No.: 7447
Docket No.: MAT-8480US

SUPPLEMENTAL RESPONSE

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Responsive to the Office Communication dated November 2, 2004, Applicants' representative makes the following additional comments regarding newly added claims 7-9.

Newly-added claim 7 defines a rotation angle detector of claim 1, wherein said control unit determines that said at least one of said first and second detecting elements does not rotate properly if said difference between said first and second signals exceeds a predetermined value. This feature is disclosed in the specification as follows:

"More specifically, if the same waveform is output from first detecting unit 16 and second detecting unit 20 and if the absolute value of phase difference Δ between the waveforms does not exceed a predetermined value, control unit 23 determines that first detecting element 12 and second detecting element 17 rotates properly."

No new matter is added.

Newly-added claim 8 defines a rotation angle detector comprising:

- a rotor;